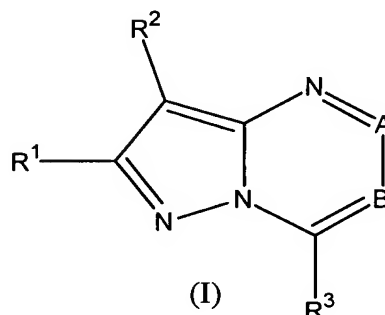


This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A compound of formula I:



or a stereoisomer or pharmaceutically acceptable salt thereof,
wherein:

A equals is N or ~~CR⁵~~;

B equals is CR⁴;

~~provided that A can not be CR⁵ and B can not be CR⁴ to form a
pyrazolopyrimidine;~~

R¹ is independently selected from the group consisting of

H,
halogen,
CN,
C₁₋₆ alkyl,
C₂₋₁₀ alkenyl,
C₂₋₁₀ alkynyl,
C₃₋₆ cycloalkyl,
C₁₋₆ alkyloxy,
C₁₋₆ alkylS(O)_n,

-NR^{1a}R^{1b} wherein R^{1a} and R^{1b} are independently selected from H,
C₁₋₄ alkyl, C₃₋₈ cycloalkyl, -C(O)C₁₋₄alkyl,
C₁₋₆ alkylNR^{1a}R^{1b},
NR^{1a}COR^{1b},
-C(O)NR^{1a}R^{1b},
-O-C(O)C₁₋₄alkyl, and

-XR^{1c} wherein R^{1c} is selected from H or -C₁₋₄ alkylaryl; and
X is selected from O or S(O)_n,

wherein R¹ is substituted with 0-6 substituents selected from
halogen, C₁₋₄ alkyl, C₃₋₈ cycloalkyl, C₁₋₆ alkyloxy, C₁₋₄
haloalkyl, C₁₋₄ alkylamino, C₂₋₈ dialkylamino, C₁₋₄ alkylthio, C₁₋₄
alkylsulfinyl ~~or~~ and C₁₋₄ alkylsulfonyl;

R² is selected from the group consisting of H, OR⁷, SH, NR⁶R⁷,
C(OH)R⁶R^{6a}, C(OR⁷)R⁶R^{6a}, S(O)_nR¹³, COR⁷, CO₂R⁷, CHR⁶(OR⁷)R^{6a},
OC(O)R¹³, NO, NO₂, NR⁶C(O)R⁷, N(COR⁷)₂, NR⁸CONR⁶R⁷, NR⁶CO₂R⁷, ~~or~~

C₁₋₁₀ alkyl,
C₂₋₁₀ alkenyl,
C₂₋₁₀ alkynyl,
C₃₋₈ cycloalkyl,
C₃₋₆ cycloalkyl C₁₋₆ alkyl,
C₁₋₁₀ alkyloxy,
C₁₋₁₀ alkyloxyC₁₋₁₀ alkyl,
-SO₂-C₁₋₁₀alkyl
-SO₂R^{2a} wherein R^{2a} is aryl,
-SO₂R^{2b} wherein R^{2b} is heteroaryl,
-NR^{2c}R^{2d} wherein R^{2c} and R^{2d} are independently selected from H,
C₁₋₈ alkyl, S(O)_nC₁₋₄alkyl, C(O)NR^{2c}R^{2d}, CO₂C₁₋₄alkyl, C₃₋₈
cycloalkyl, C₁₋₆ alkyloxyC₁₋₆ alkyl, ~~or~~ and -C(O)C₁₋₄alkyl,

- halogen,
-CN,

-C(O)-L wherein L is selected from H, $\text{NR}^{2c}\text{R}^{2d}$, C_{1-6} alkyl or OC_{1-4} alkyl, $\text{O}(\text{CH}_2)_m\text{OR}$ wherein R is C_{1-3} alkyl, $\text{O}(\text{CH}_2)_m-\text{NR}^{2c}\text{R}^{2d}$, OH, $\text{C}(\text{O})\text{OC}_{1-6}$ alkyl or aryl or heteroaryl wherein m is 1-4; and

-OC(O)-M wherein M is selected from C_{1-4} alkyl, C_{1-4} haloalkyl, C_{2-8} alkoxyalkyl, C_{3-6} cycloalkyl, C_{4-12} cycloalkylalkyl, aryl, C_{1-6} alkylaryl, heteroaryl, and C_{1-6} alkylheteroaryl;

n is 0, 1 or 2; and wherein

R^2 is substituted with 0-3 substituents independently selected from R' , R'' , and R''' wherein R' , R'' and R''' are independently selected from C_{1-6} alkyl, C_{3-7} cycloalkyl, hydroxy C_{1-6} alkyl, C_{1-6} alkyloxy C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} alkyloxy, and hydroxy, or

R^2 is substituted with 0-3 substituents independently selected from:

halogen,

-CN,

-S(O) $_n$ R^{2e} wherein R^{2e} is selected from C_{1-4} alkyl, C_{1-4} haloalkyl, C_{1-4} alkyloxy C_{1-4} alkyl, and C_{3-6} cycloalkyl;

-COR 2f wherein R^{2f} is selected from H, C_{1-4} alkyl, C_{1-4} haloalkyl, C_{1-4} alkyloxy C_{1-4} alkyl, C_{3-6} cycloalkyl, and C_{3-6} cycloalkyl C_{1-4} alkyl;

-CO $_2$ R^{2f} ,

-NR 2g COR 2f wherein R^{2g} is selected from H, C_{1-6} alkyl, C_{3-7} cycloalkyl, and C_{3-6} cycloalkyl C_{1-6} alkyl;

-N(COR 2f) $_2$,

-NR 2g CONR 2f R^{2h} , wherein R^{2h} is selected from H, C_{1-6} alkyl, C_{1-4} haloalkyl, C_{1-4} alkoxy C_{1-4} alkyl, C_{3-6} cycloalkyl and C_{3-6} cycloalkyl C_{1-6} alkyl;

-NR^{2g}CO₂R^{2e},

-CONR^{2g}R^{2h},

1-morpholinyl,

1-piperidinyl,

1-piperazinyl,

and

C₃₋₈ cycloalkyl wherein 0-1 carbon atoms in the C₄₋₈ cycloalkyl is replaced by a group selected from -O-, -S(O)_n-, -NR^{2g}-, -NCO₂R^{2e}, -NCOR^{2e}, and -NSO₂R^{2e}; and wherein N⁴ in 1-piperazinyl is substituted with 0-1 substituents selected from R^{2g}, CO₂R^{2e}, COR^{2e} and SO₂R^{2e}; or

the group R²ⁱ, R^{2j}, R^{2k}, C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, Br, Cl, F, I, C₁₋₄ haloalkyl, -OR^{2g}, -NR^{2g}R^{2h}, -C₁₋₆ alkyl-OR^{2g}, and or C₃₋₈ cycloalkyl which is substituted with 0-1 R²¹ and in which 0-1 carbons of C₄₋₈ cycloalkyl is replaced by -O-, wherein

R²ⁱ is selected from aryl wherein aryl is selected from phenyl, naphthyl, indanyl and indenyl, each R²ⁱ being substituted with 0-1 OR^{2m} and 0-5 substituents independently selected from the group C₁₋₆ alkyl, C₃₋₆ cycloalkyl, Br, Cl, F, I, C₁₋₄ haloalkyl, -CN, nitro, -SH, -S(O)_nR²ⁿ, -COR^{2m}, -OC(O)R²ⁿ, -NR^{2g}COR^{2m}, -N(COR^{2m})₂, -NR^{2g}CONR²⁰R^{2p}, -NR^{2g}CO₂R²ⁿ, -NR^{2o}R^{2p} and -CONR^{2o}R^{2p};

R^{2j} is selected from heteroaryl wherein heteroaryl is selected from pyridyl, pyrimidinyl, triazinyl, furanyl, quinolinyl, isoquinolinyl, thienyl, imidazolyl, thiazolyl, indolyl, pyrrolyl, oxazolyl, benzofuranyl, benzothienyl, benzothiazolyl, benzoxazolyl, isoxazolyl, pyrazolyl, triazolyl, tetrazolyl, indazolyl, 2,3-dihydrobenzofuranyl, 2,3-dihydrobenzothienyl, 2,3-dihydrobenzothienyl-s-oxide, 2,3-dihydro-benzothienyl-S-dioxide, indolinyl, benzoxazolin-2-onyl, benzodioxolanyl and benzodioxane, each heteroaryl being substituted on 0-4 carbon atoms with a substituent independently selected from the group C₁₋₆ alkyl, C₃₋₆

cycloalkyl, Br, Cl, F, I, C₁₋₄ haloalkyl, -CN, nitro, OR^{2m}, -SH, -S(O)_nR^{2h}, -COR^{2m}, -OC(O)R^{2h}, -NR^{2g}COR^{2m}, -N(COR^{2m})₂, -NR^{2g}CONR^{2o}R^{2p}, -NR^{2g}CO₂R^{2h}, -NR^{2o}R^{2p} and -CONR^{2o}R^{2p} and each heteroaryl being substituted on any nitrogen atom with 0-1 substituents selected from the group R^{2g}, CO₂R^{2e}, COR^{2e} and SO₂R^{2e};

R^{2k} is heterocyclyl which is a saturated or partially saturated heteroaryl as defined for R^{2j}, each heterocyclyl being substituted on 0-4 carbon atoms with a substituent independently selected from the group C₁₋₆ alkyl, C₃₋₆ cycloalkyl, Br, Cl, F, I, C₁₋₄ haloalkyl, -CN, nitro, -OR^{2m}, -SH, -S(O)_nR^{2h}, -COR^{2m}, -OC(O)R^{2h}, -NR^{2g}COR^{2m}, -N(COR^{2m})₂, -NR^{2g}CONR^{2o}R^{2p}, NR^{2g}CO₂R^{2h}, -NR^{2o}R^{2p} and -CONR^{2o}R^{2p} and each heterocyclyl being substituted on any nitrogen atom with 0-1 substituents selected from the group R^{2f}, CO₂R^{2e}, COR^{2e} and SO₂R^{2e};

wherein

R²¹ is H, C₁₋₄ alkyl, C₃₋₆ cycloalkyl-C₁₋₄ alkyl or C₃₋₈ cycloalkyl;

R^{2m} is H, C₁₋₆ alkyl, C₃₋₆ cycloalkyl C₁₋₆ alkyl, C₁₋₂ alkyloxy C₁₋₂ alkyl, C₁₋₄ haloalkyl, R^{2q}S(O)_n-C₁₋₄ alkyl or R^{2r}R^{2s}N-C₂₋₄ alkyl;

R²ⁿ is H, C₁₋₆ alkyl, C₃₋₁₀ cycloalkyl, C₃₋₆ cycloalkyl-C₁₋₆ alkyl, C₁₋₂ alkyloxy C₁₋₂ alkyl, or C₁₋₄ haloalkyl;

R^{2o} and R^{2p} are independently selected at each occurrence from H, C₁₋₆ alkyl, C₃₋₁₀ cycloalkyl, C₃₋₆ cycloalkyl C₁₋₆ alkyl and C₁₋₄ haloalkyl;

R^{2q} is selected from C₁₋₆ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy- C₁₋₄ alkyl, C₃₋₆ cycloalkyl, C₃₋₆ cycloalkyl- C₁₋₆ alkyl, aryl, aryl (C₁₋₄ alkyl), heteroaryl and heteroaryl (C₁₋₄ alkyl)- and benzyl, each benzyl being substituted on the aryl moiety with 0-1

substituents selected from the group C_{1-4} alkyl, Br, Cl, F, I, C_{1-4} haloalkyl, nitro, C_{1-4} alkoxy C_{1-4} haloalkoxy, and dimethylamino;

$R^{2r}R^{2s}$ taken together with the N form 1-pyrrolidinyl, 1-morpholinyl, 1-piperidinyl or 1-piperazinyl wherein N^4 in 1-piperiazinyl is substituted with 0-1 substituents selected from the group R^{2t} , CO_2R^{2q} , COR^{2q} and SO_2R^{2q} ;

R^{2t} is selected from H, C_{1-4} alkyl, C_{1-4} haloalkyl, C_{1-4} alkoxy- C_{1-4} alkyl, C_{3-6} cycloalkyl, C_{3-6} cycloalkyl - C_{1-6} alkyl, aryl, aryl (C_{1-4} alkyl)-, heteroaryl and heteroaryl (C_{1-4} alkyl);

R^3 is an aryl or heteroaryl group attached through an unsaturated carbon atom;

aryl is selected from phenyl, naphthyl, indanyl and indenyl, each aryl being substituted with 0-5 substituents independently selected at each occurrence from C_{1-6} alkyl, C_{3-6} cycloalkyl, methylenedioxy, C_{1-4} alkyloxy- C_{1-4} alkyloxy, $-OR^{2m}$, Br, Cl, F, I, C_{1-4} haloalkyl, $-CN$, $-NO_2$, $-SH$, $-S(O)_nR^{2n}$, $-COR^{2m}$, $-CO_2R^{2m}$, $-OC(O)R^{2n}$, $-NR^{2g}COR^{2m}$, $-N(COR^{2m})_2$, $-NR^{2g}CONR^{2o}R^{2p}$, $-NR^{2g}CO_2R^{2h}$, $-NR^{2o}R^{2p}$ and $CONR^{2o}R^{2p}$;

heteroaryl is selected from the group pyridyl, pyrimidyl, triazinyl, furanyl, quinolinyl, isoquinolinyl, thienyl, imidazolyl, thiazolyl, indolyl, pyrrolyl, oxazolyl, benzofuranyl, benzothienyl, benzothiazolyl, benzoxazolyl, isoxazolyl, triazolyl, tetrazolyl, indazolyl, 2,3-dihydrobenzo-furanyl, 2,3-dihydrobenzothienyl, 2,3-dihydrobenzothienyl-S-oxide, 2,3-dihydrobenzothienyl-s-dioxide, indolinyl, benzoxazolin-2-on-yl, benzodioxolanyl and benzodioxane, each heteroaryl being substituted at 0-4 carbon atoms with a substituent independently selected at each occurrence from the group C_{1-6} alkyl, C_{3-6} cycloalkyl, Br, F, I,

C₁₋₄ haloalkyl, -CN, NR^{2g}R^{2h}, nitro, -OR^{2m}, -SH, -S(O)_nR²ⁿ, COR^{2m}, -CO₂R^{2m}, -OC(O)R²ⁿ, -NR^{2g}COR^{2m}, -N(COR^{2m})₂, -NR^{2g}CONR^{2o}R^{2p} and each heteroaryl being substituted at any nitrogen atom with 0-1 substituents selected from the group R^{2g}, CO₂R^{3a}, COR^{3a} and SO₂R^{3a} wherein,

R^{3a} is selected from the group C₁₋₆ alkyl, C₁₋₄ cycloalkyl-C₁₋₆ alkyl and benzyl, each benzyl being substituted on the aryl moiety with 0-1 substituents selected from the group C₁₋₄ alkyl, Br, Cl, F, I, C₁₋₄ haloalkyl, nitro, C₁₋₄ alkoxy, C₁₋₄ haloalkoxy, and dimethylamino;

~~R⁴ and R⁵ are independently~~ is selected at each occurrence from H, Br, Cl, F, I, -CN, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₃₋₈ cycloalkyl, C₁₋₆ alkyloxy, C₁₋₆ alkylthio, C₁₋₆ alkylsulfinyl, C₁₋₆ alkylsulfonyl, amino, C₁₋₄ alkylamino, (C₁₋₄ alkyl)₂ amino and phenyl, each phenyl is substituted with 0-3 groups selected from the group consisting of C₁₋₇ alkyl, C₃₋₈ cycloalkyl, Br, Cl, F, I, -C(O)H, C₁₋₄ haloalkyl, nitro, C₁₋₄ alkoxy, C₁₋₄ haloalkoxy, C₁₋₄ alkylthio, C₁₋₄ alkylsulfinyl, C₁₋₄ alkylsulfonyl, C₁₋₆ alkylamino and (C₁₋₄ alkyl)₂ amino and wherein R⁴ ~~and R⁵~~ non-phenyl groups may be substituted with 0-5 substituents selected from OH, halogen, -C(O)H, -OC₁₋₆-alkyl, and C₁₋₆ haloalkyl, C₁₋₆ alkyl, C₃₋₇ c-alkyl, and C₁₋₆ alkyl(OH)_nCO₂R_L wherein R is H or C₁₋₆ alkyl, or C₁₋₆ alkyl(OH)_n, wherein n is 0-3 ~~or R⁴ and R⁵ may join together to form a C₃₋₆ alkylene chain;~~

R⁶, R^{6a} and R⁷ are independently selected from: H, C₁₋₁₀ alkyl, C₃₋₁₀ cycloalkyl, C₃₋₁₀ alkenyl, C₃₋₁₀ alkynyl, C₁₋₁₀ haloalkyl, C₂₋₈ alkoxyalkyl, C₄₋₁₂ cycloalkylalkyl, C₅₋₁₀ cycloalkenyl, and C₆₋₁₄ cycloalkenylalkyl;

R⁶, R^{6a} and R⁷ are substituted with 0-6 substituents independently selected from halogen, C₁₋₄ alkyl, C₃₋₈ cycloalkyl, C₁₋₆ alkyloxy and C₁₋₄ haloalkyl;

with the ~~that the compounds of Formula I with R^1 , R^2 , R^3 , R^4 and R^5 as specifically defined below are excluded.~~

~~(a) a compound of formula I wherein $A=CR^5$, R^5 is p-Cl-Ph, $R^1=H$, $R^2=H$ and $R^3=p-CF_3-Ph$;~~

~~(b) a compound of formula I wherein $A=CR^5$, $R^5=p-Cl-Ph$, $R^1=CH_3$, $R^2=H$, $R^3=p-CF_3-Ph$;~~

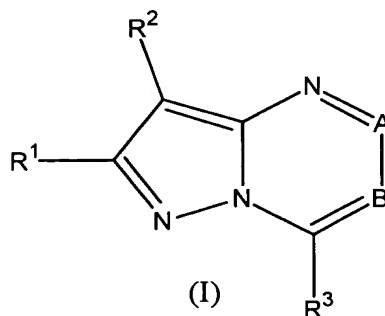
~~(c) a compound of formula I wherein $A=CR^5$, $R^5=Ph$, $R^1=Me$, $R^2=H$, $R^3=p-CF_3-Ph$;~~

~~(d) a compound of formula I wherein $A=CR^5$, $R^5=Ph$, $R^1=H$, $R^2=H$, $R^3=p-CF_3-Ph$;~~

~~(e) a compound of formula I wherein $A=CR^5$, $R^3=Ph$ and R^2 is H, Br, CN, CO_2Et or Cl;~~

~~(f) a compound of formula I wherein $A=CR^5$, $R^5=CH_3$, C_2H_5 or Ph, $R^1=H$, $R^2=H$ and $R^3=Ph$ proviso that when R^1 is H, amino, or acetamido, R^2 is H, and R^3 is unsubstituted phenyl, R^4 is not phenyl.~~

2. (Currently amended) A compound of formula I:



or a stereoisomer or pharmaceutically acceptable salt thereof, wherein:

A ~~equals is~~ N or ~~CR⁵~~;

B ~~equals is~~ CR⁴;

~~provided that A can not be CR⁵ and B can not be CR⁴ to form a pyrazolopyrimidine, and wherein,~~

R¹ is independently selected from the group consisting of

H,

halogen,

CN,

C₁₋₆ alkyl,

C₂₋₁₀ alkenyl,

C₂₋₁₀ alkynyl,

C₃₋₆ cycloalkyl,

C₁₋₆ alkyloxy,

C₁₋₆ alkylS(O)_n,

-NR^{1a}R^{1b} wherein R^{1a} and R^{1b} are independently selected from H,

C₁₋₄ alkyl, C₃₋₈ cycloalkyl, -C(O)C₁₋₄alkyl,

C₁₋₆ alkylNR^{1a}R^{1b},

NR^{1a}COR^{1b},

-C(O)NR^{1a}R^{1b},

-O-C(O)C₁₋₄alkyl, and

-XR^{1c} wherein R^{1c} is selected from H or -C₁₋₄ alkylaryl;

X is selected from O or S(O)_n,

wherein R¹ is substituted with 0-6 substituents selected from halogen, C₁₋₄ alkyl, C₃₋₈ cycloalkyl, C₁₋₆ alkyloxy, C₁₋₄ haloalkyl, C₁₋₄alkylamino, C₂₋₈dialkylamino, C₁₋₄alkyloxy, C₁₋₄ alkylthio, C₁₋₄ alkylsulfinyl ~~or~~ and C₁₋₄ alkylsulfonyl;

R^2 is selected from the group consisting of OR^7 , SH , NR^6R^7 , $C(OH)R^6R^{6a}$, $C(OR^7)R^6R^{6a}$, $S(O)_nR^{13}$, COR^7 , CO_2R^7 , $CHR^6(OR^7)R^{6a}$, $OC(O)R^{13}$, NO , NO_2 , $NR^6C(O)R^7$, $N(COR^7)_2$, $NR^8CONR^6R^7$ ~~or~~ and $NR^6CO_2R^7$;

or R^2 is selected from:

C_{1-10} alkyl,
 C_{2-10} alkenyl,
 C_{2-10} alkynyl,
 C_{3-8} cycloalkyl,
 C_{3-6} cycloalkyl C_{1-6} alkyl,
 C_{1-10} alkyloxy,
 C_{1-10} alkyloxy C_{1-10} alkyl,
 $-SO_2-C_{1-10}$ alkyl
 $-SO_2R^{2a}$ wherein R^{2a} is aryl,
 $-SO_2R^{2b}$ wherein R^{2b} is heteroaryl,
 $-NR^{2c}R^{2d}$ wherein R^{2c} and R^{2d} are independently selected from H,
 C_{1-8} alkyl, $S(O)_nC_{1-4}$ alkyl, $C(O)NR^{2c}R^{2d}$, CO_2C_{1-4} alkyl, C_{3-8} cycloalkyl, C_{1-6} alkyloxy C_{1-6} alkyl, $-C(O)C_{1-4}$ alkyl or R^{2c}
and R^{2d} may join to form a heterocyclic ring having 0-3
heteroatoms selected from O, N or S,

$-C(O)-L$ wherein L is selected from H, $NR^{2c}R^{2d}$, and C_{1-6} alkyl
 $O(CH_2)_mOR$ wherein R is C_{1-3} alkyl, $O(CH_2)_m-NR^{2c}R^{2d}$, OH,
 $C(O)OC_{1-6}$ alkyl, or aryl or heteroaryl wherein m is 1-4; ~~or~~ and

$-OC(O)-M$ wherein M is selected from C_{1-4} alkyl, C_{1-4} haloalkyl,
 C_{2-8} alkoxyalkyl, C_{3-6} cycloalkyl, C_{4-12} cycloalkylalkyl, aryl, C_{1-6}
alkylaryl, heteroaryl, and C_{1-6} alkylheteroaryl;

n is 0, 1 or 2; and wherein

R^2 is substituted with 0-3 substituents independently selected
from R' , R'' , and R''' wherein R' , R'' and R''' are

independently selected from C₁₋₆ alkyl, C₃₋₇ cycloalkyl, hydroxyC₁₋₆ alkyl, C₁₋₆ alkyloxyC₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ alkyloxy, and hydroxy, or

R² is substituted with 0-3 substituents independently selected from:

halogen,

-CN,

-S(O)_nR^{2e} wherein R^{2e} is selected from C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkyloxy C₁₋₄ alkyl, and C₃₋₆ cycloalkyl;

-COR^{2f} wherein R^{2f} is selected from H, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkyloxy C₁₋₄ alkyl, C₃₋₆ cycloalkyl, and C₃₋₆ cycloalkylC₁₋₄ alkyl;

-CO₂R^{2f},

-NR^{2g}COR^{2f} wherein R^{2g} is selected from H, C₁₋₆ alkyl, C₃₋₇ cycloalkyl, and C₃₋₆ cycloalkylC₁₋₆ alkyl;

-N(COR^{2f})₂,

-NR^{2g}CONR^{2f}R^{2h}, wherein R^{2h} is selected from H, C₁₋₆ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy C₁₋₄ alkyl, C₃₋₆ cycloalkyl and C₃₋₆ cycloalkylC₁₋₆ alkyl;

-NR^{2g}CO₂R^{2e},

-CONR^{2g}R^{2h},

1-morpholinyl,

1-piperidinyl,

1-piperazinyl,

and

C₃₋₈ cycloalkyl wherein 0-1 carbon atoms in the C₄₋₈ cycloalkyl is replaced by a group selected from -O-, -S(O)_n-, -NR^{2g}-, -NCO₂R^{2e}, -NCOR^{2e}, and -NSO₂R^{2e}; and wherein N⁴ in 1-piperazinyl is substituted with 0-1 substituents selected from R^{2g}, CO₂R^{2e}, COR^{2e} and SO₂R^{2e}; or

the group R²ⁱ, R^{2j}, R^{2k}, C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, Br, Cl, F, I, C₁₋₄ haloalkyl, -OR^{2g}, -NR^{2g}R^{2h}, -C₁₋₆ alkyl-OR^{2g}, and or

C₃₋₈ cycloalkyl which is substituted with 0-1 R²¹ and in which 0-1 carbons of C₄₋₈ cycloalkyl is replaced by -O-, wherein

R²¹ is selected from aryl wherein aryl is selected from phenyl, naphthyl, indanyl and indenyl, each R²¹ being substituted with 0-1 OR^{2m} and 0-5 substituents independently selected from the group C₁₋₆ alkyl, C₃₋₆ cycloalkyl, Br, Cl, F, I, C₁₋₄ haloalkyl, -CN, nitro, -SH, -S(O)_nR²ⁿ, -COR^{2m}, -OC(O)R²ⁿ, -NR^{2g}COR^{2m}, -N(COR^{2m})₂, -NR^{2g}CONR^{2o}R^{2p}, -NR^{2g}CO₂R²ⁿ, -NR^{2o}R^{2p} and -CONR^{2o}R^{2p};

R^{2j} is selected from heteroaryl wherein heteroaryl is selected from pyridyl, pyrimidinyl, triazinyl, furanyl, quinolinyl, isoquinolinyl, thienyl, imidazolyl, thiazolyl, indolyl, pyrrolyl, oxazolyl, benzofuranyl, benzothienyl, benzothiazolyl, benzoxazolyl, isoxazolyl, pyrazolyl, triazolyl, tetrazolyl, indazolyl, 2,3-dihydrobenzofuranyl, 2,3-dihydrobenzothienyl, 2,3-dihydrobenzothienyl-s-oxide, 2,3-dihydro-benzothienyl-S-dioxide, indolinyl, benzoxazolin-2-onyl, benzodioxolanyl and benzodioxane, each heteroaryl being substituted on 0-4 carbon atoms with a substituent independently selected from the group C₁₋₆ alkyl, C₃₋₆ cycloalkyl, Br, Cl, F, I, C₁₋₄ haloalkyl, -CN, nitro, OR^{2m}, -SH, -S(O)_nR^{2h}, -COR^{2m}, -OC(O)R^{2h}, -NR^{2g}COR^{2m}, -N(COR^{2m})₂, -NR^{2g}CONR^{2o}R^{2p}, -NR^{2g}CO₂R^{2h}, -NR^{2o}R^{2p} and -CONR^{2o}R^{2p} and each heteroaryl being substituted on any nitrogen atom with 0-1 substituents selected from the group R^{2g}, CO₂R^{2e}, COR^{2e} and SO₂R^{2e};

R^{2k} is heterocyclyl which is a saturated or partially saturated heteroaryl as defined for R^{2j}, each heterocyclyl being substituted on 0-4 carbon atoms with a substituent independently selected from the group C₁₋₆ alkyl, C₃₋₆ cycloalkyl, Br, Cl, F, I, C₁₋₄ haloalkyl, -CN, nitro, -OR^{2m}, -SH, -S(O)_nR^{2h}, -COR^{2m}, -OC(O)R^{2h}, -NR^{2g}COR^{2m}, -N(COR^{2m})₂, -NR^{2g}CONR^{2o}R^{2p}, NR^{2g}CO₂R^{2h}, -NR^{2o}R^{2p} and -CONR^{2o}R^{2p} and each heterocyclyl being substituted on

any nitrogen atom with 0-1 substituents selected from the group R^{2f} , CO_2R^{2e} , COR^{2e} and SO_2R^{2e} ;

wherein

R^{21} is H, C_{1-4} alkyl, C_{3-6} cycloalkyl- C_{1-4} alkyl or C_{3-8} cycloalkyl;

R^{2m} is H, C_{1-6} alkyl, C_{3-6} cycloalkyl C_{1-6} alkyl, C_{1-2} alkyloxy C_{1-2} alkyl, C_{1-4} haloalkyl, $R^{2q}S(O)_n-C_{1-4}$ alkyl, or $R^{2r}R^{2s}N-C_{2-4}$ alkyl;

R^{2n} is H, C_{1-6} alkyl, C_{3-10} cycloalkyl, C_{3-6} cycloalkyl- C_{1-6} alkyl, C_{1-2} alkyloxy C_{1-2} alkyl, or C_{1-4} haloalkyl;

R^{2o} and R^{2p} are independently selected at each occurrence from H, C_{1-6} alkyl, C_{3-10} cycloalkyl, C_{3-6} cycloalkyl C_{1-6} alkyl and C_{1-4} haloalkyl;

R^{2q} is selected from C_{1-6} alkyl, C_{1-4} haloalkyl, C_{1-4} alkoxy- C_{1-4} alkyl, C_{3-6} cycloalkyl, C_{3-6} cycloalkyl- C_{1-6} alkyl, aryl, aryl (C_{1-4} alkyl), heteroaryl and heteroaryl (C_{1-4} alkyl)- and benzyl, each benzyl being substituted on the aryl moiety with 0-1 substituents selected from the group C_{1-4} alkyl, Br, Cl, F, I, C_{1-4} haloalkyl, nitro, C_{1-4} alkoxy C_{1-4} haloalkoxy, and dimethylamino;

$R^{2r}R^{2s}$ taken together with the N form 1-pyrrolidinyl, 1-morpholinyl, 1-piperidinyl or 1-piperazinyl wherein N^4 in 1-piperiazinyl is substituted with 0-1 substituents selected from the group R^{2t} , CO_2R^{2q} , COR^{2q} and SO_2R^{2q} ;

R^{2t} is selected from H, C_{1-4} alkyl, C_{1-4} haloalkyl, C_{1-4} alkoxy- C_{1-4} alkyl, C_{3-6} cycloalkyl, C_{3-6} cycloalkyl - C_{1-6} alkyl, aryl, aryl (C_{1-4} alkyl)-, heteroaryl and heteroaryl (C_{1-4} alkyl);

R^3 is ~~selected from~~ an aryl or heteroaryl group attached through an unsaturated carbon atom;

aryl is selected from phenyl, naphthyl, indanyl and indenyl, each aryl being substituted with 0-5 substituents independently selected at each occurrence from C_{1-6} alkyl, C_{3-6} cycloalkyl, methylenedioxy, C_{1-4} alkyloxy- C_{1-4} alkyloxy, $-OR^{2m}$, Br, Cl, F, I, C_{1-4} haloalkyl, $-CN$, $-NO_2$, $-SH$, $-S(O)_nR^{2n}$, $-COR^{2m}$, $-CO_2R^{2m}$, $-OC(O)R^{2n}$, $-NR^{2g}COR^{2m}$, $-N(COR^{2m})_2$, $-NR^{2g}CONR^{2o}R^{2p}$, $-NR^{2g}CO_2R^{2h}$, $-NR^{2o}R^{2p}$ and $CONR^{2o}R^{2p}$;

heteroaryl is selected from the group pyridyl, pyrimidyl, triazinyl, furanyl, quinolinyl, isoquinolinyl, thienyl, imidazolyl, thiazolyl, indolyl, pyrrolyl, oxazolyl, benzofuranyl, benzothienyl, benzothiazolyl, benzoxazolyl, isoxazolyl, triazolyl, tetrazolyl, indazolyl, 2,3-dihydrobenzo-furanyl, 2,3-dihydrobenzothienyl, 2,3-dihydrobenzothienyl-S-oxide, 2,3-dihydrobenzothienyl-s-dioxide, indolinyl, benzoxazolin-2-on-yl, benzodioxolanyl and benzodioxane, each heteroaryl being substituted at 0-4 carbon atoms with a substituent independently selected at each occurrence from C_{1-6} alkyl, C_{3-6} cycloalkyl, Br, F, I, C_{1-4} haloalkyl, $-CN$, $NR^{2g}R^{2h}$, nitro, $-OR^{2m}$, $-SH$, $-S(O)_nR^{2n}$, COR^{2m} , $-CO_2R^{2m}$, $-OC(O)R^{2n}$, $-NR^{2g}COR^{2m}$, $-N(COR^{2m})_2$, and $-NR^{2g}CONR^{2o}R^{2p}$ and each heteroaryl being substituted at any nitrogen atom with 0-1 substituents selected from the group R^{2g} , CO_2R^{3a} , COR^{3a} and SO_2R^{3a} wherein,

R^{3a} is selected from the group C_{1-6} alkyl, C_{1-4} cycloalkyl- C_{1-6} alkyl and benzyl, each benzyl being substituted on the aryl moiety with 0-1 substituents selected from the group C_{1-4} alkyl, Br, Cl, F, I, C_{1-4} haloalkyl, nitro, C_{1-4} alkoxy, C_{1-4} haloalkoxy, and dimethylamino;

~~R⁴ and R⁵ are independently is~~ selected at each occurrence from H, Br, Cl, F, I, -CN, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₃₋₈ cycloalkyl, C₁₋₆ alkyloxy, C₁₋₆ alkylthio, C₁₋₆ alkylsulfinyl, C₁₋₆ alkylsulfonyl, amino, C₁₋₄ alkylamino, (C₁₋₄ alkyl)₂ amino and phenyl, each phenyl is substituted with 0-3 groups selected from the group consisting of C₁₋₇ alkyl, C₃₋₈ cycloalkyl, Br, Cl, F, I, -C(O)H, C₁₋₄ haloalkyl, nitro, C₁₋₄ alkoxy, C₁₋₄ haloalkoxy, C₁₋₄ alkylthio, C₁₋₄ alkylsulfinyl, C₁₋₄ alkylsulfonyl, C₁₋₆ alkylamino and (C₁₋₄ alkyl)₂ amino and wherein R⁴ ~~and R⁵~~ non-phenyl groups may be substituted with 0-5 substituents selected from OH, halogen, -C(O)H, -OC₁₋₆-alkyl, and C₁₋₆ haloalkyl, C₁₋₆ alkyl, C₃₋₇ c-alkyl, and C₁₋₆ alkyl(OH)_nCO₂R_L wherein R is H or C₁₋₆ alkyl, or C₁₋₆ alkyl(OH)_n, wherein n is 0-3 ~~or R⁴ and R⁵ may join together to form a C₃₋₆ alkylene chain;~~

R⁶, R^{6a} and R⁷ are independently selected from: H, C₁₋₁₀ alkyl, C₃₋₁₀ cycloalkyl, C₃₋₁₀ alkenyl, C₃₋₁₀ alkynyl, C₁₋₁₀ haloalkyl, C₂₋₈ alkoxyalkyl, C₄₋₁₂ cycloalkylalkyl, C₅₋₁₀ cycloalkenyl, and C₆₋₁₄ cycloalkenylalkyl; and

R⁶, R^{6a} and R⁷ are substituted with 0-6 substituents independently selected from halogen, C₁₋₄ alkyl, C₃₋₈ cycloalkyl, C₁₋₆ alkyloxy, and C₁₋₄ haloalkyl.

3. (Currently amended) A compound according to Claim 1 wherein

R¹ is selected from C₁₋₆ alkyl, C₃₋₆ cycloalkyl, C₁₋₆ alkoxy, C₁₋₆ alkylthio, and -XR^{1c} wherein R¹ is substituted with 0-6 substituents selected from halogen, C₁₋₄ alkyl ~~or~~ and C₁₋₄ haloalkyl;

R² is selected from C₁₋₁₀ alkyl, C₂₋₁₀ alkenyl, C₂₋₁₀ alkynyl, C₃₋₈ cycloalkyl, C₃₋₆ cycloalkyl C₁₋₆ alkyl, and -NR^{2c}R^{2d} wherein R² is unsubstituted or substituted with 1-3 substituents independently selected from the group R²ⁱ, R^{2j}, R^{2k}, C₁₋₆ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, Br, Cl, F, I, C₁₋₄ haloalkyl, -OR^{2g}, -NR^{2g}R^{2h}, -C₁₋₆ alkyl-OR^{2g}, and C₃₋₈ cycloalkyl which is substituted with 0-1 R²¹ and in ~~wich~~ which 0-1 carbons of C₄₋₈ cycloalkyl is replaced by -O-.

4. (Currently amended) A compound according to Claims 1, wherein R³ is ~~selected from~~ an aryl group selected from phenyl ~~or~~ and substituted versions thereof or a heteroaryl group selected from pyridyl ~~or~~ and substituted versions thereof.

5. (Currently amended) A compound according to Claim 4 wherein R³ is substituted with 0-4 substituents independently selected from halogen, C₁₋₄ alkyloxy, C₁₋₆ alkyl ~~or~~ and NR'R'' wherein R' and R'' are independently selected from H ~~or~~ and C₁₋₆ alkyl.

6. (Currently amended) A compound according to ~~Claims~~ Claim 1 wherein R² is selected from 3-pentyl, NEt₂, butyl, NHCH(CH₂OMe)₂, NHCH(CH₂OEt)₂, NHCH(Et)CH₂OMe, NH-3-heptyl, NH-3-pentyl, NH-2-butyl, NH-3-hexyl, NHCH(CH₂Ph)CH₂OMe, NHCH(Et)CH₂CH₂OMe, NH-cyclobutyl, NH-cyclopentyl, NEtPr, NEtBu, NMePr, NMePh, NPr₂, NPr(CH₂-c-C₃H₅), N(CH₂CH₂OMe)₂, morpholino, N(CH₂Ph)CH₂CH₂OMe, N(Me)CH₂CH₂OMe, N(Et)CH₂CH₂OMe, N(CH₂-c-C₃H₅)CH₂CH₂OMe, N(CH₂-c-C₃H₅)Pr, N(CH₂-c-C₃H₅)Et, OEt, OCH(Et)CH₂OMe, OCH(Et)CH₂CH₂OMe, OCH(Me)CH₂CH₂OMe, O-3-pentyl, O-2-pentyl, S-3-pentyl, S-2-pentyl, SET, S(O)Et, SO₂Et, S-3-pentyl, S(O)-3-pentyl, SO₂-3-pentyl, S-2-pentyl, S(O)-2-pentyl, SO₂-2-pentyl, CH(CO₂Et)₂, C(Et)(CO₂Et)₂, CH(Et)CH₂OH, CH(Et)CH₂OMe, CH(Et)CH₂CH₂OMe, CONMe₂, COCH₃, COEt, COPr, CO-2-pentyl, CO-3-pentyl, CH(OH)CH₃, C(OH)Me₂, C(OH)Ph-3-pyridyl,

CH(OMe)CH₃, CH(OMe)Et, CH(OMe)Pr, CH(OEt)CH₃, CH(OPr)CH₃, 2-pentyl, 2-butyl, cyclobutyl, cyclopentyl, CH(Me)cyclobutyl, CH(OMe)cyclobutyl, CH(OH)cyclobutyl, CH(Me)cyclopropyl, CH(OMe)cyclopropyl, CH(OH)cyclopropyl, CH(Et)cyclobutyl, CH(Et)cyclopropyl, CH(OMe)cyclobutyl, CH(OMe)cyclopropyl, CH(OEt)cyclobutyl, CH(OEt)cyclopropyl, CH(Me)CH₂-cyclobutyl, CH(OMe)CH₂-cyclobutyl, CH(OH)CH₂-cyclobutyl, CH(Me)CH₂-cyclopropyl, CH(OMe)CH₂-cyclopropyl, CH(OH)CH₂-cyclopropyl, CH(Et)CH₂-cyclobutyl, CH(Et)CH₂-cyclopropyl, CH(OMe)CH₂-cyclobutyl, CH(OMe)CH₂-cyclopropyl, CH(OEt)CH₂-cyclobutyl, CH(OEt)CH₂-cyclopropyl, CH(CH₂OMe)cyclobutyl, CH(CH₂OMe)cyclopropyl, CH(CH₂OEt)cyclobutyl, CH(CH₂OEt)cyclopropyl, CH(cyclobutyl)₂, CH(cyclopropyl)₂, CH(Et)CH₂CONMe₂, CH(Et)CH₂CH₂NMe₂, CH(CH₂OMe)Me, CH(CH₂OMe)Et, CH(CH₂OMe)Pr, CH(CH₂OEt)Me, CH(CH₂OEt)Et, CH(CH₂OEt)Pr, CH(CH₂C≡CMe)Et, and CH(CH₂C≡CMe)Et.

7. (Canceled)

8. (Canceled)

9. (Currently amended) A method of antagonizing a CRF-1 receptor in mammals including humans wherein binding to the receptor causes and ultimately results in the treatment of affective disorder, anxiety, depression, headache, irritable bowel syndrome, ~~post-traumatic stress disorder, supranuclear palsy, immune suppression, Alzheimer's disease, gastrointestinal diseases, anorexia nervosa or other feeding disorder, drug addiction, drug or alcohol withdrawal symptoms, inflammatory diseases, cardiovascular or heart-related diseases, fertility problems, human immunodeficiency virus infections, hemorrhagic stress, obesity, infertility, head and spinal cord traumas, epilepsy, stroke, ulcers, amyotrophic lateral sclerosis, hypoglycemia~~ or a disorder the treatment of

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which can be effected or facilitated by antagonizing CRF, comprising administering to the mammal a therapeutically effective amount of a compound according to ~~any one of~~ Claims 1 to 7 6.

10. (Currently amended) A pharmaceutical composition comprising a compound according to any one of Claims 1 to 7 6 and a pharmaceutically acceptable carrier.